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RecoVC File Header

Field Name	M/O	Number of bytes	Value(s)	Description
Recovc magic number	W	4 bytes	0x2E727663	A fixed value which equals ".rvc" in ASCII representation. Used to verify that this is indeed a Recovc file.
Header length	×	2 byte	13-(2^16-1)	Total number of bytes in this header File format major version number
Version Major	₹ ₹	1 byte	0-255	File format minor version number
Version Minor Frame duration	¥ ×	1 byte	0×00	In index into the frame duration table below. Currently, only 10 msec frames are supported.
Frames per block	×	1 byte	1-255	Each block can contain one intra-frame only, or one intra-frame with up to 244 additional inter-frames.
Sambling rate	W	1 byte	0x00, 0x01 or 0x02	Index into sampling rate table below.
Cepstra dimension	×	1 byte	0x00 or 0x01	below
Language	W	1 byte	0×00	Index into languate table below
Profile Total frames	₩ O	l byte 4 bytes	0-(2^32-2) or 0xFFFFFF	Total number of audio frames in this file, INCLUDING silence frames.
Total speech frances	0	4 bytes	0-(2^32-2) or 0xFFFFFFF	Total number of audio frames in this file, EXCLUDING silence frames.
< Ancillary Data >	0			Reserved for future usage

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(968-3868) 150 p510-0008-670K

Frame Duration Table

	Duration (mass)
(200)	,
0×00	01
0x01-0xFF Reserved	Reserved

Sampling Rate Table

	Jakus Compling Rate [H7]
Code	וווחתר שמנוישווול וימיב (ייב)
0x00	8000
10x01	11025 (or 11000)
0×02	*00091
0x03	22050 (or 22000)
0x04- 0xFF	Reserved

Cepstra Vector Dimension / type Table

Code	Value
0×00	0x00
10×0	24
0x02- 0xFF	0x02- 0xFF Reserved

Language Table

	0x00	0x01-0xFF Reserved	
Description		Reserved	
Code Description	0×00	0x01-0xFF	

Profile Table

Code	Description
	Recognition only - Only Cepstra is available
	in this file
0x01	Reconstruction enabled - Cepstra and pitch is
	available in the file
0x02- 0xFF	Reserved

Speech and Silence Segment Headers (5 Byte)

Field Name M/O	M/O	Number of Value(s)	Value(s)	Description
Segment	Σ	1 byte	0x00 or 0x01	Index into segment type table below (speech or silence)
Number of	2	4 bytes	0-(2^31-2) or	The total number of frames in this
frames	E		;	segment.

End of Stream and Data Segment Headers

		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Field Name	M/O	Number of	Value(s)	Description
		bytes		
Seament type M	Σ	1 byte	0x02 or	Index into segment type table below
odk mombo			XFF	(end of stream or data)
Seament	Σ	4 bytes	5-(2^31-1)	The total number of bytes in this
				segment
	(Place optional data here
< Ancillary	O	•	•	
Data >				

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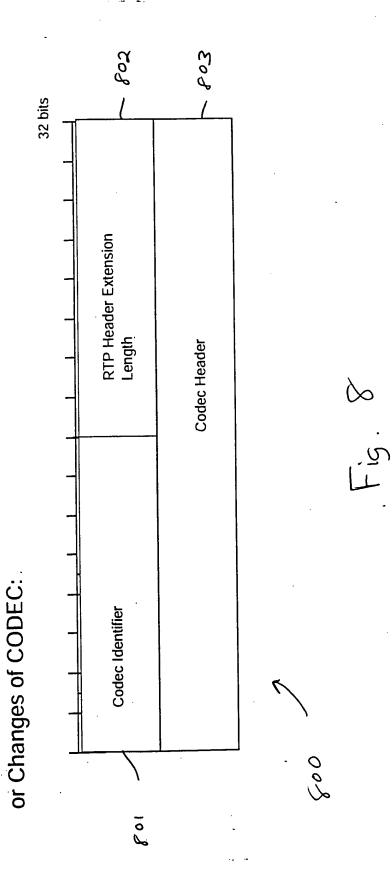
(918-8018) ISN p.S10-0008-670K

CL M Payload Type (Pt) Sequence Num Timestamp Seguence Num Synchronization Source (SSRC) Identifiers Contributing Source (CSRC) Identifiers	32 bits		ا مِك	60	7.0
	707	Sequence Number	70	sRC) Identifiers 70	
	706	load Type (Pt)	Timestump	unization Source (SS	Catributing Source (CSI
	1 100	PX CC M Pay		Synchre	

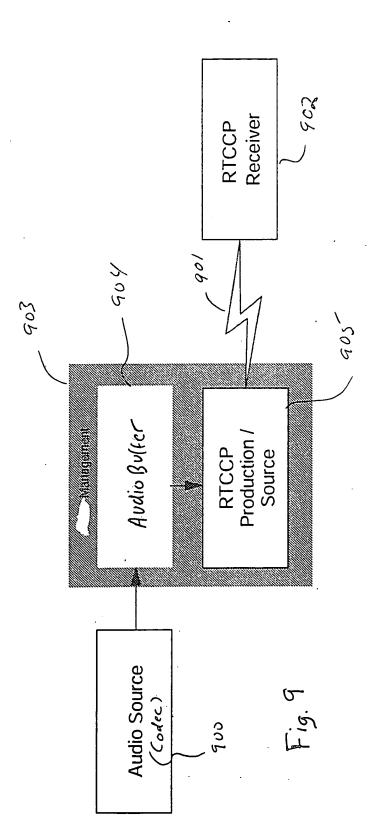
F19.

(3CE-8CL8) 150 KS10-000E-600K

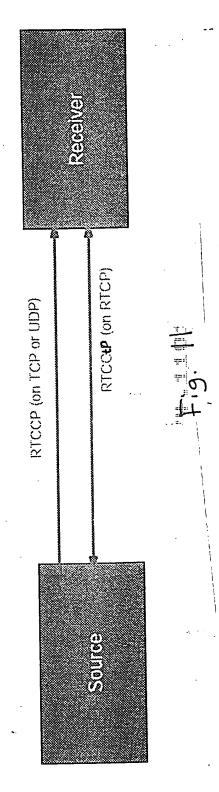
RTP initiated around RecoVC.xxx with X=1



(208-8018) 150 hs10-0008-670K



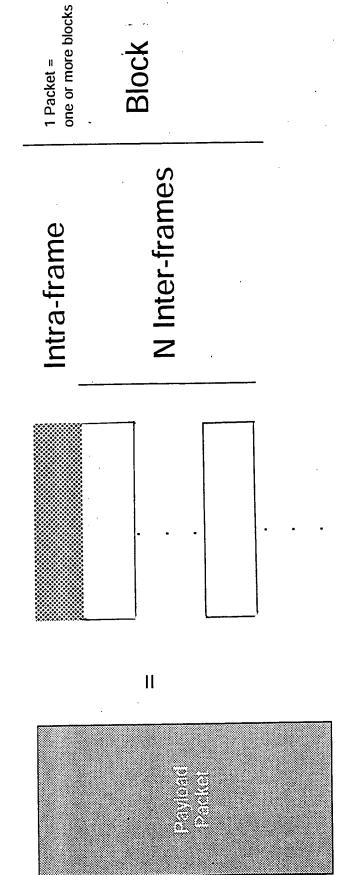
Protocols structure:



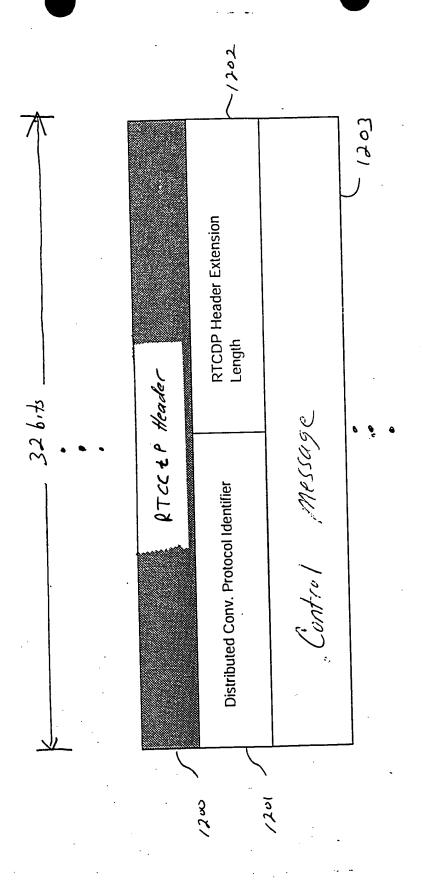
(918-3818) ISNASIO -0008-680K

10/18 40R9-2000-0154USI (8728-376

Packet-Based format:



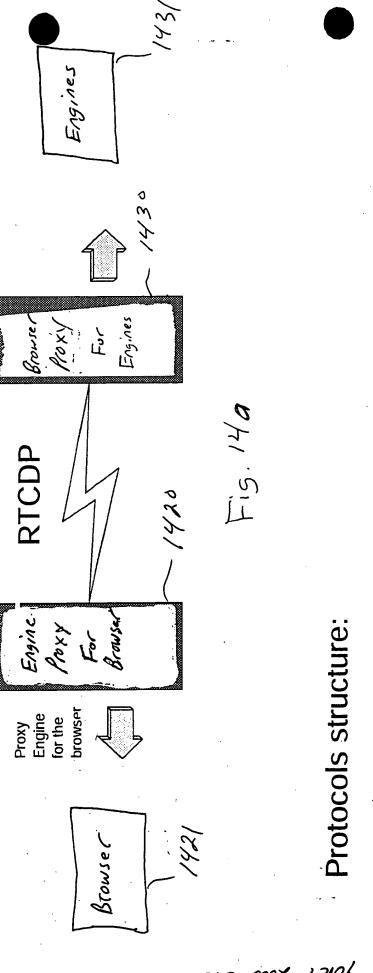
F19. 10



7.9.1

(165-808) 1502580 ·0008-200K

RTCDP wrapper/proxy for browsers and servers

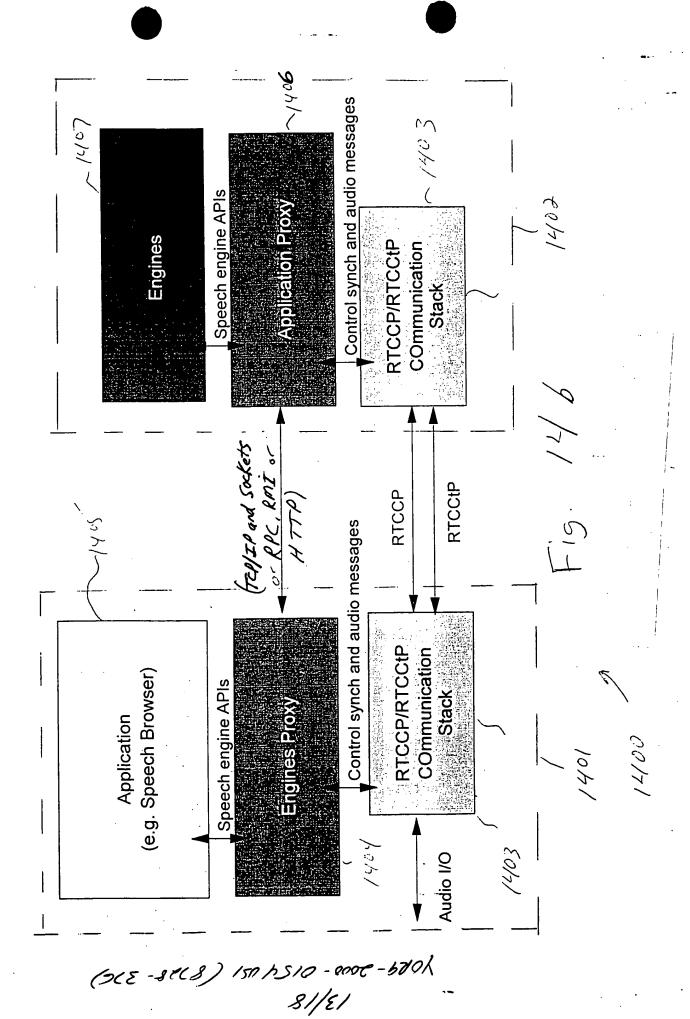


Receiver

RTCDP & RTCCIP (on RTCP)

RTCCP (on TCP or UDP)

(218-8818) 150 p.510-0008-670K



Conversational protocols (Umbrella stack)

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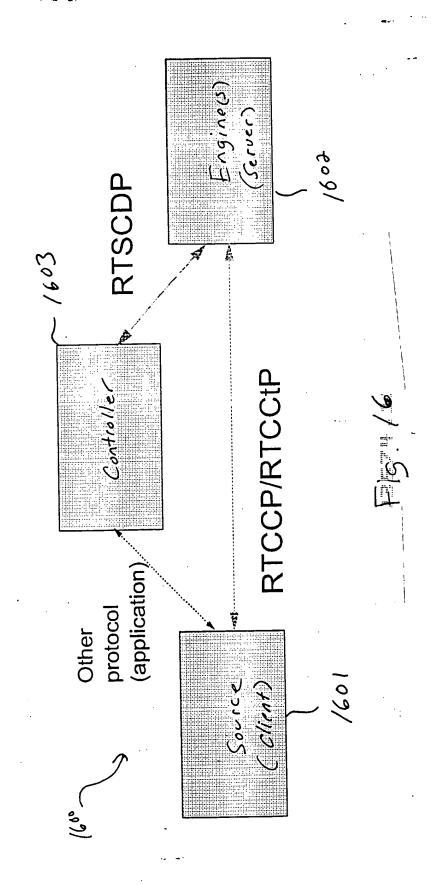
APIS

	#1245 RTGOP		UBP or TCP	ď
Percoversity Recoversity	RICCP/ RICCIP	RTP / RTCP	UDP or TCP	
	JSAPI + Extensions JAVA RMI		g S L	

(Including other conversational protocols)

(DCE-SELS) ISOKS10 -000E-680K

RTSCDP - Real Time Streaming Conversational Distributed Protocols



(2CE-30L8) 150 h510-0000-680K

(918-8818) 150 h510 -000l-670h 81/9/

